IN THE CLAIMS

1. A network, comprising:

a local group of network workstations and clients
5   with a set of corresponding local IP-addresses, and that
periodically need access to a wide area network (WAN);

a class-based queue (CBQ) traffic shaper is
disposed between the local group and the WAN, and provides
for an enforcement of a plurality of service-level agreement
10   (SLA) policies on individual connection sessions by limiting
a maximum data throughput for each such connection;

a database providing for policy-information
collection of network-traffic statistics from the CBQ traffic
shaper and including a structured query language (SQL) with a
15   CREATE VIEW function;

a superview table created from said CREATE VIEW
function and containing a set of policy and statistical data
about a plurality of network clients;

a plurality of dynamic views created from said
20   CREATE VIEW function that join the superview with a filter
table; and

a plurality of filter tables dynamically populated
by parameters received from said plurality of network
clients, and fill the dynamic views with selected components
25   copied from the superview table.

2. The network of claim 1, wherein:

the CBQ traffic shaper is configured such that said
SLA policies are attached to each and every local IP-address,
30   and any connection combinations with outside IP-addresses are
ignored.

3. The network of claim 1, wherein:

the CBQ traffic shaper is configured such that said
35   SLA policies are such that any policy-conflicts between local

IP-address transfers are resolved with a lower-speed one of said conflicting policies taking precedence.

4. The network of claim 1, wherein:

5   the CBQ traffic shaper is configured such that said SLA policies are dynamically attached and readjusted to allow any particular on-demand content delivery to said local IP-addresses.

10   5. A network, comprising:

a local group of network workstations and clients with a set of corresponding local IP-addresses, and that periodically need access to a wide area network (WAN);

a class-based queue (CBQ) traffic shaper is
15 disposed between the local group and the WAN, and provides for an enforcement of a plurality of service-level agreement (SLA) policies on individual connection sessions by limiting a maximum data throughput for each such connection;

a database providing for collection of network-
20 traffic statistics from the CBQ traffic shaper and including a structured query language (SQL) with a CREATE VIEW function;

a superview table created from said CREATE VIEW function and containing a set of statistical data about a
25 plurality of network clients;

a plurality of dynamic views created from said CREATE VIEW function that join the superview with a filter table; and

a plurality of filter tables dynamically populated
30 by parameters received from said plurality of network clients, and fill the dynamic views with selected components copied from the superview table;

wherein, the class-based queue traffic shaper distinguishes streaming video datapackets from other types
35 and affords said streaming video datapackets a throughput priority.

6. The network of claim 5, wherein:

the CBQ traffic shaper is configured such that said SLA policies are attached to each and every local IP-address,

5 and any connection combinations with outside IP-addresses are ignored.

7. The network of claim 5, wherein:

the CBQ traffic shaper is configured such that said

10 SLA policies are such that any policy-conflicts between local IP-address transfers are resolved with a lower-speed one of said conflicting policies taking precedence.

8. The network of claim 5, wherein:

15 the CBQ traffic shaper is configured such that said SLA policies are dynamically attached and readjusted to allow an on-demand streaming video delivery to said local IP-addresses.

20